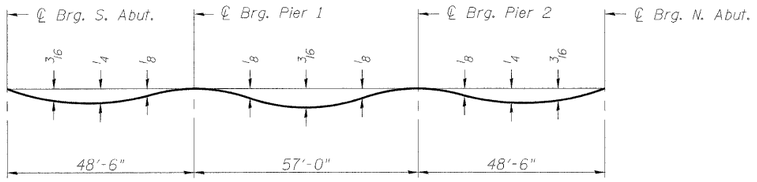
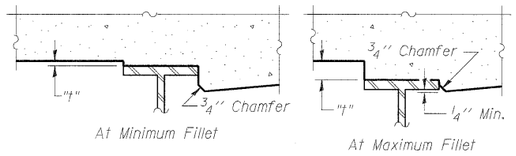


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAMS 1 AND 5

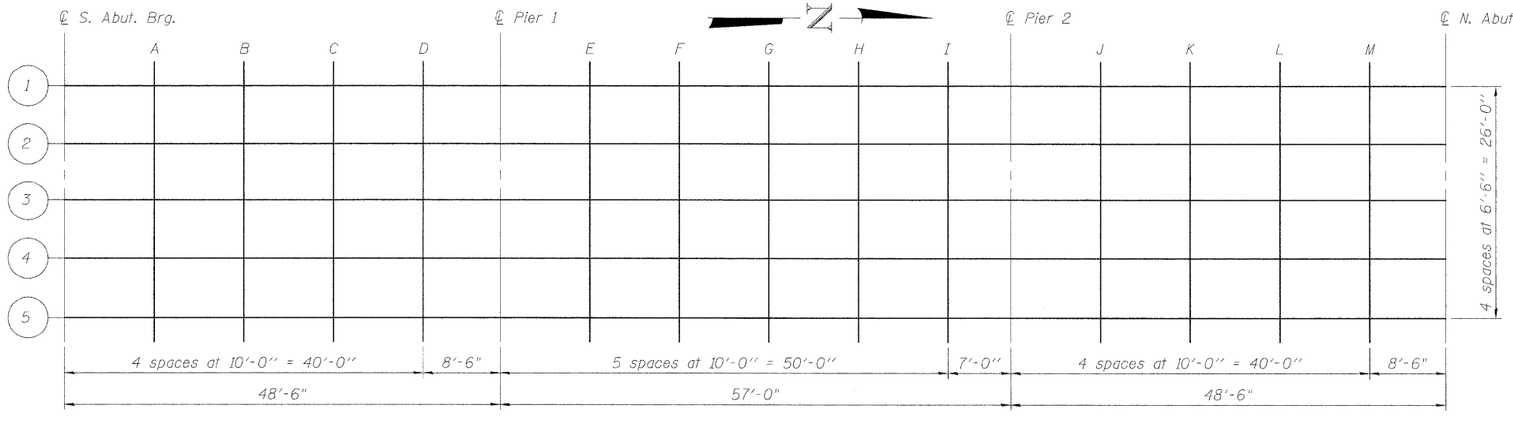
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut	35+79.41	13.000	726.090	726.090
CL Brg. S. Abut.	35+81.20	13.000	726.057	726.057
A	35+91.20	13.000	725.876	725.889
B	36+01.20	13.000	725.703	725.722
C	36+11.20	13.000	725.538	725.553
D	36+21.20	13.000	725.381	725.386
CL Pier 1	36+29.70	13.000	725.254	725.254
E	36+39.70	13.000	725.111	725.116
F	36+49.70	13.000	724.977	724.989
G	36+59.70	13.000	724.851	724.866
H	36+69.70	13.000	724.733	724.743
I	36+79.70	13.000	724.622	724.625
CL Pier 2	36+86.7	13.000	724.550	724.550
J	36+96.70	13.000	724.453	724.461
K	37+06.70	13.000	724.365	724.381
L	37+16.70	13.000	724.284	724.302
M	37+26.70	13.000	724.211	724.223
CL Brg. N. Abut.	37+35.20	13.000	724.156	724.156
Bk. N. Abut.	37+36.99	13.000	724.145	724.145

BEAMS 2 AND 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut	35+79.41	6.5	726.192	726.192
CL Brg. S. Abut.	35+81.20	6.5	726.158	726.158
A	35+91.20	6.5	725.977	725.990
B	36+01.20	6.5	725.804	725.823
C	36+11.20	6.5	725.639	725.654
D	36+21.20	6.5	725.482	725.488
CL Pier 1	36+29.70	6.5	725.355	725.355
E	36+39.70	6.5	725.213	725.218
F	36+49.70	6.5	725.079	725.091
G	36+59.70	6.5	724.952	724.967
H	36+69.70	6.5	724.834	724.845
I	36+79.70	6.5	724.724	724.727
CL Pier 2	36+86.7	6.5	724.651	724.651
J	36+96.70	6.5	724.555	724.562
K	37+06.70	6.5	724.466	724.482
L	37+16.70	6.5	724.386	724.404
M	37+26.70	6.5	724.313	724.324
CL Brg. N. Abut.	37+35.20	6.5	724.257	724.257
Bk. N. Abut.	37+36.99	6.5	724.247	724.247

BEAM 3 & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut	35+79.41	0.000	726.293	726.293
CL Brg. S. Abut.	35+81.20	0.000	726.260	726.260
A	35+91.20	0.000	726.079	726.092
B	36+01.20	0.000	725.906	725.925
C	36+11.20	0.000	725.741	725.756
D	36+21.20	0.000	725.584	725.590
CL Pier 1	36+29.70	0.000	725.457	725.457
E	36+39.70	0.000	725.314	725.319
F	36+49.70	0.000	725.180	725.192
G	36+59.70	0.000	725.054	725.069
H	36+69.70	0.000	724.936	724.946
I	36+79.70	0.000	724.825	724.828
CL Pier 2	36+86.7	0.000	724.753	724.753
J	36+96.70	0.000	724.656	724.664
K	37+06.70	0.000	724.568	724.584
L	37+16.70	0.000	724.487	724.506
M	37+26.70	0.000	724.414	724.426
CL Brg. N. Abut.	37+35.20	0.000	724.359	724.359
Bk. N. Abut.	37+36.99	0.000	724.348	724.348



DIAGRAMMATIC PLAN - TOP OF CONCRETE ELEVATIONS

ON 27-2010
I:\09Jobs\09L0003\Data\Struct\Sheet\S-005-TOS Tables.dgn

LAYOUT	SMK	01/28/10
DRAWN	JDM	01/28/10
REVIEWED	SMK	01/28/10

TOP OF SLAB ELEVATIONS

PERRYVILLE ROAD BRIDGE
OVER SOUTH BRANCH KISHWAUKEE RIVER
F.A.U. ROUTE 5148
SECTION 08-00448-00-BR
WINNEBAGO COUNTY
STRUCTURE NUMBER 101-3064
STATION 36+58.20

Corporate License Number 184-001-084

HANSON

JOB NO. 09L0003
DATE 01/28/10

SHEET NO. 2
11 SHEETS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5148	08-00448-00-BR	Winnebago	14	5
		CONTRACT NO. 85509		
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		